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20	13	conference near5 (book\$3) and DN	USPAT; US-PGPUB; EPO; JPO	2004/08/19 09:46
22	4	conference near5 (book\$3) near5 application	USPAT; US-PGPUB; EPO; JPO	2004/08/19 09:48
23	19	709/204.ccls. and (book\$3 near5 application)	USPAT; US-PGPUB; EPO; JPO	2004/08/19 09:50
24	139	709/204.ccls. and (specified near3 tim\$3)	USPAT; US-PGPUB; EPO; JPO	2004/08/19 09:51
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26	0	709/204.ccls. and (specified near3 tim\$3 near5 setup)	USPAT; US-PGPUB; EPO; JPO	2004/08/19 09:51
27	4	709/204.ccls. and (specified near3 tim\$3 near5 conference)	USPAT; US-PGPUB; EPO; JPO	2004/08/19 09:56
28	57	709/204.ccls. and (schedul\$3 near5 conference)	USPAT; US-PGPUB; EPO; JPO	2004/08/19 09:56
29	5	709/204.ccls. and (schedul\$3 near5 conference near5 application)	USPAT; US-PGPUB; EPO; JPO	2004/08/19 09:58
30	0	709/204.ccls. and (calander near5 conference)	USPAT; US-PGPUB; EPO; JPO	2004/08/19 09:58
31	4	709/204.ccls. and (calendar near5 conference)	USPAT; US-PGPUB; EPO; JPO	2004/08/19 09:59
-	2	URI same conference same telephone	USPAT; US-PGPUB; EPO; JPO	2004/08/18 14:09
-	4	URI and (conference same telephone) and href	USPAT; US-PGPUB; EPO; JPO	2004/08/18 14:10
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-	16	URI and href\$5 and DN and telephone	USPAT; US-PGPUB; EPO; JPO	2004/08/18 14:14
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-	1	URI and href\$5 and DN and telephone and C2T	USPAT; US-PGPUB; EPO; JPO	2004/08/18 14:15
-	14	URI and href\$5 and DN and telephone and browser	USPAT; US-PGPUB; EPO; JPO	2004/08/18 14:16

-	5	URI and href\$5 and DN and telephone and browser and switch	USPAT; US-PGPUB; EPO; JPO	2004/08/18 14:19
-	13	URI and href\$5 and conference and telephone and browser and switch	USPAT; US-PGPUB; EPO; JPO	2004/08/18 14:20
-	17	href\$5 and conference and (telephone near8 switch) and browser	USPAT; US-PGPUB; EPO; JPO	2004/08/18 14:24
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-	19	709/201-205,217-219,227.ccls. and (telephone near5 call same (specified near5 time))	USPAT; US-PGPUB; EPO; JPO	2004/08/18 14:56
-	8	(709/201-205,217-219,227.ccls. and (telephone near5 call same (specified near5 time))) and URI and switch\$3	USPAT; US-PGPUB; EPO; JPO	2004/08/18 14:54
-	9	(709/201-205,217-219,227.ccls. and (telephone near5 call same (specified near5 time))) and URI	USPAT; US-PGPUB; EPO; JPO	2004/08/18 14:54
-	11	(709/201-205,217-219,227.ccls. and (telephone near5 call same (specified near5 time))) not ((709/201-205,217-219,227.ccls. and (telephone near5 call same (specified near5 time))) and URI and switch\$3)	USPAT; US-PGPUB; EPO; JPO	2004/08/18 14:56


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Specifying time intervals in URI queries and fragments of time ...

... As with temporal **URI** query parameters, all temporal intervals are **specified** through start and end times, the default end **time** being infinity, which may map to ...

www.annodex.net/TR/draft-pfeiffer-temporal-fragments-02.html - 40k - [Cached](#) - [Similar pages](#)

Continuous Media Markup Language CMML version 1.0 DTD

... end = specifies the end **time** of the fragment; **specified in time** relative to the ... a id ID #IMPLIED %i18n; track CDATA "default" href %URI; #IMPLIED hrefdesc ...

xml.coverpages.org/CSIRO-CMMLv10-DTD.html - 10k - [Cached](#) - [Similar pages](#)

JScript Methods (Scripting)

... getFullYear Method. Returns the hours value in a Date object using local **time**. getHours Method. Returns the item at the **specified** location. getItem Method. ...

msdn.microsoft.com/library/en-us/script56/html/js56jslrfjscriptmethodstoc.asp - 37k - [Cached](#) - [Similar pages](#)

System.Net.ServicePoint Class

... Property Value. A **Uri** instance representing the **URI specified** at the time the current instance was constructed . Description. This property is read-only. ...

www.dotgnu.org/pnetlib-doc/System/Net/ServicePoint.html - 16k - [Cached](#) - [Similar pages](#)

System.Net.ServicePointManager Class

... Description. If no ServicePoint exists for the System.Uri.Host **specified** in address , the ... After a ServicePoint has been idle for the **time specified** in System.Net ...

www.dotgnu.org/pnetlib-doc/System/Net/ServicePointManager.html - 20k - [Cached](#) - [Similar pages](#)

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voicexml elements - goto

... The fetchaudio attribute specifies the **URI** of the .wav ... the developer to specify how much **time** to allow ... This can be **specified** globally by using the fetchtimeout ...

docs.voxeo.com/voicexml/2.0/goto.htm - 18k - [Cached](#) - [Similar pages](#)

callxml elements - inputaudio

... Note that if no qualifier is **specified**, an "s ... The maxtime attribute indicates the maximum **time** that the ... playformat, Data Type: **URI**, Default: none - attribute is ...

docs.voxeo.com/callxml/2.0/inputaudio.htm - 24k - [Cached](#) - [Similar pages](#)

[[More results from docs.voxeo.com](#)]

Gregorian Calendar URI Space

... is currently no way to represent the same interval in different **time-zones** using this **URI** space. All times are **specified** in Coordinated Universal Time (UTC). ...

placetime.com/interval/gregorian/ - 10k - [Cached](#) - [Similar pages](#)

Aural Style Sheets

... They are also **specified in time** (before, during and after ... before; pause-after These indicate the **time** either in ... You specify either the **URI** to a sound element or ...

webdesign.about.com/cs/css/a/aa093002a.htm - 18k - [Cached](#) - [Similar pages](#)

Tomcat Kick Start: Basic Principles of Web Servers

... An alternative technique for asking the browser to load a different **URI** is an HTML ... is used to ask a Web browser to load a page after a **specified time period**. ...

www.sampublishing.com/articles/article.asp?p=31443&seqNum=8 - 17k - [Cached](#) - [Similar pages](#)

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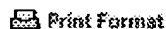
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1 Automating PBX system testing
Weber, B.;

Design & Test of Computers, IEEE , Volume: 16 , Issue: 3 , July-Sept. 1999

Pages:44 - 52

[\[Abstract\]](#) [\[PDF Full-Text \(108 KB\)\]](#) **IEEE JNL**
2 Hierarchical supervisors for automatic detection of software failures
Savor, T.; Seviara, R.E.;

PROCEEDINGS The Eighth International Symposium On Software Reliability Engineering , 2-5 Nov. 1997

Pages:48 - 59

[\[Abstract\]](#) [\[PDF Full-Text \(848 KB\)\]](#) **IEEE CNF**
3 Detection of response time failures of real-time software
Pekilis, B.R.; Seviara, R.E.;

PROCEEDINGS The Eighth International Symposium On Software Reliability Engineering , 2-5 Nov. 1997

Pages:38 - 47

[\[Abstract\]](#) [\[PDF Full-Text \(896 KB\)\]](#) **IEEE CNF**
4 Automatic detection of software failures: issues and experience
Savor, T.; Seviara, R.E.;

Real-Time Systems, 1998. Proceedings. 10th Euromicro Workshop on , 17-19 June 1998

Pages:245 - 252

[\[Abstract\]](#) [\[PDF Full-Text \(80 KB\)\]](#) **IEEE CNF**
5 Application of Probability: Identification of Mobile Radio Channels
Kabak, I.;

Communications, IEEE Transactions on [legacy, pre - 1988] , Volume: 15 , Issue: 2 , Apr 1967
Pages:264 - 267

[\[Abstract\]](#) [\[PDF Full-Text \(448 KB\)\]](#) IEEE JNL

6 An Experimental Service for Adaptable Data Reconfiguration

Cerf, V.; Harslem, E.; Heafner, J.; Metcalfe, R.; White, J.;

Communications, IEEE Transactions on [legacy, pre - 1988] , Volume: 20 , Issue: 3 , Jun 1972
Pages:557 - 564

[\[Abstract\]](#) [\[PDF Full-Text \(888 KB\)\]](#) IEEE JNL

7 A Speech Predictive Encoding Communication System for Multichannel Telephony

Sciulli, J.; Campanella, S.;

Communications, IEEE Transactions on [legacy, pre - 1988] , Volume: 21 , Issue: 7 , Jul 1973
Pages:827 - 835

[\[Abstract\]](#) [\[PDF Full-Text \(840 KB\)\]](#) IEEE JNL

8 Real-Time Testing of Automatic Overload Control Systems in a Laboratory Environment

Man, F.;

Communications, IEEE Transactions on [legacy, pre - 1988] , Volume: 21 , Issue: 9 , Sep 1973
Pages:1027 - 1031

[\[Abstract\]](#) [\[PDF Full-Text \(520 KB\)\]](#) IEEE JNL

9 The Software Architecture for a Large Telephone Switch

Penney, B.; Williams, J.;

Communications, IEEE Transactions on [legacy, pre - 1988] , Volume: 30 , Issue: 6 , Jun 1982
Pages:1369 - 1378

[\[Abstract\]](#) [\[PDF Full-Text \(1296 KB\)\]](#) IEEE JNL

10 On the generalization of state feedback decoupling theory

Sato, S.; Lopresti, P.;

Automatic Control, IEEE Transactions on , Volume: 16 , Issue: 2 , Apr 1971
Pages:133 - 139

[\[Abstract\]](#) [\[PDF Full-Text \(904 KB\)\]](#) IEEE JNL

11 What knows where you are?

Applewhite, A.;

Pervasive Computing, IEEE , Volume: 1 , Issue: 4 , Oct.-Dec. 2002
Pages:4 - 8

[\[Abstract\]](#) [\[PDF Full-Text \(2357 KB\)\]](#) IEEE JNL

12 Mathematical analysis of dynamic channel selection in indoor mobile wireless communication systems

Punt, J.B.; Sparreboom, D.; Brouwer, F.; Prasad, R.;

Vehicular Technology, IEEE Transactions on , Volume: 47 , Issue: 4 , Nov. 1998
Pages:1302 - 1313

[\[Abstract\]](#) [\[PDF Full-Text \(320 KB\)\]](#) IEEE JNL

13 Analysis of a leaky bucket control scheme in the signalling system no.7 network

Choi, B.D.; Choi, S.H.; Park, C.G.; Sung, D.K.;

Communications, IEE Proceedings- , Volume: 145 , Issue: 1 , Feb. 1998
Pages:25 - 32

[\[Abstract\]](#) [\[PDF Full-Text \(620 KB\)\]](#) IEE JNL

14 Specification and implementation of a cryptocoprocessor for ISDN

Sachs, W.; Wolter, S.;

Circuits and Systems, 2000. Proceedings. ISCAS 2000 Geneva. The 2000 IEEE International Symposium on , Volume: 1 , 28-31 May 2000
Pages:275 - 278 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(280 KB\)\]](#) IEEE CNF

15 An approach to automatic detection of software failures in real-time systems

Savor, T.; Seviara, R.E.;

Real-Time Technology and Applications Symposium, 1997. Proceedings., Third IEEE , 9-11 June 1997
Pages:136 - 146

[\[Abstract\]](#) [\[PDF Full-Text \(776 KB\)\]](#) IEEE CNF

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1 [Trunking of TDM and narrowband services over IP Networks](#)

James Aweya

January 2003 **International Journal of Network Management**, Volume 13 Issue 1
 Full text available: ☒ pdf(418.58 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The recent interest in IP as the vehicle for transporting TDM and narrowband services stems from the possibility of using a common transport network for voice, video, and data, and the flexibility with which new services can be introduced. A key step in the evolution of networks towards a 'broadband' IP-based environment is the 'graceful' interworking of the IP networks with the existing networks and services, particularly with the circuit switched telephone network. A &I ...

2 [Group communication specifications: a comprehensive study](#)

December 2001 **ACM Computing Surveys (CSUR)**, Volume 33 Issue 4
 Full text available: ☒ pdf(499.61 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

View-oriented group communication is an important and widely used building block for many distributed applications. Much current research has been dedicated to specifying the semantics and services of view-oriented group communication systems (GCSs). However, the guarantees of different GCSs are formulated using varying terminologies and modeling techniques, and the specifications vary in their rigor. This makes it difficult to analyze and compare the different systems. This survey provi ...

Keywords: Group communication systems, partitionable group membership, process group membership, specifications of group communication systems, view synchrony, virtual synchrony

3 [Using PARLAY APIs over a SIP system in a distributed service platform for carrier grade multimedia services](#)

Rudolf Pailer, Johannes Stadler, Igor Miladinovic

July 2003 **Wireless Networks**, Volume 9 Issue 4
 Full text available: ☒ pdf(1.19 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The implementation of new mobile communication technologies developed in the third generation partnership project (3GPP) will allow to access the Internet not only from a PC but also via mobile phones, palmtops and other devices. New applications will emerge, combining several basic services like voice telephony, e-mail, voice over IP, mobility or

web-browsing, and thus wiping out the borders between the fixed telephone network, mobile radio and the Internet. Offering those value-added services ...

Keywords: SIP-Parlay mapping, caller preferences, carrier grade services, network-independent services, service platform

4 Ubiquitous WWW: The social contract core

James H. Kaufman, Stefan Edlund, Daniel A. Ford, Calvin Powers

May 2002 **Proceedings of the eleventh international conference on World Wide Web**

Full text available:  pdf(227.12 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)


The information age has brought with it the promise of unprecedented economic growth based on the efficiencies made possible by new technology. This same greater efficiency has left society with less and less time to adapt to technological progress. Perhaps the greatest cost of this progress is the threat to privacy we all face from unconstrained exchange of our personal information. In response to this threat, the World Wide Web Consortium has introduced the "Platform for Privacy Preferences" (...

Keywords: P3P, privacy, social contract

5 Towards junking the PBX: deploying IP telephony

Wenyu Jiang, Jonathan Lennox, Henning Schulzrinne, Kundan Singh

January 2001 **Proceedings of the 11th international workshop on Network and operating systems support for digital audio and video**

Full text available:  pdf(312.40 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We describe the architecture and implementation of our Internet telephony test-bed intended to replace the departmental PBX (telephone switch). It interworks with the traditional telephone networks via a PSTN/IP gateway. It also serves as a corporate or campus infrastructure for existing and future services like web, email, video and streaming media. Initially intended for a few users, it will eventually replace the plain old telephones from our offices, due to the cost benefit and new ...

Keywords: PSTN/IP interoperability, SIP, VoIP test-bed, internet telephony deployment

6 Trustworthy 100-year digital objects: Evidence after every witness is dead

Henry M. Gladney

July 2004 **ACM Transactions on Information Systems (TOIS)**, Volume 22 Issue 3


Full text available:  pdf(1.24 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In ancient times, wax seals impressed with signet rings were affixed to documents as evidence of their authenticity. A digital counterpart is a message authentication code fixed firmly to each important document. If a digital object is sealed together with its own audit trail, each user can examine this evidence to decide whether to trust the content---no matter how distant this user is in time, space, and social affiliation from the document's source. We propose an architecture and design that a ...

7 DSD: A schema language for XML

Nils Klarlund, Anders Moller, Michael I. Schwartzbach

August 2000 **Proceedings of the third workshop on Formal methods in software practice**

Full text available:  pdf(380.33 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

XML (eXtensible Markup Language) is a linear syntax for trees, which has gathered a remarkable amount of interest in industry. The acceptance of XML opens new venues for

the application of formal methods such as specification of abstract syntax tree sets and tree transformations. A notation for defining a set of XML trees is called a schema language. Such trees correspond to a specific user domain, such as XHTML, the class of XML documents that make sens ...

8 Browsing: Building voiceXML browsers with openVXI

Brian Eberman, Jerry Carter, Darren Meyer, David Goddeau

May 2002 **Proceedings of the eleventh international conference on World Wide Web**

Full text available:  [pdf\(209.58 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)


The OpenVXI is a portable open source based toolkit that interprets the VoiceXML dialog markup language. It is designed to serve as a framework for system integrators and platform vendors who want to incorporate VoiceXML into their platform. A first version of the toolkit was released in the winter of 2001, with a second version released in September of 2001. A number of companies and individuals have adopted the toolkit for their platforms. In this paper we discuss the architecture of the toolk ...

Keywords: openVXI, voiceXML

9 Public-key cryptography and password protocols

Shai Halevi, Hugo Krawczyk

August 1999 **ACM Transactions on Information and System Security (TISSEC)**, Volume 2 Issue 3

Full text available:  [pdf\(275.84 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)


We study protocols for strong authentication and key exchange in asymmetric scenarios where the authentication server possesses ~a pair of private and public keys while the client has only a weak human-memorizable password as its authentication key. We present and analyze several simple password authentication protocols in this scenario, and show that the security of these protocols can be formally proven based on standard cryptographic assumptions. Remarkably, our analysis shows optimal re ...

Keywords: dictionary attacks, hand-held certificates, key exchange, passwords, public passwords, public-key protocols

10 A service framework for carrier grade multimedia services using PARPLAY APIs over a SIP system

Rudolf Pailer, Johannes Stadler

July 2001 **Proceedings of the first workshop on Wireless mobile internet**

Full text available:  [pdf\(713.19 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)


The implementation of new mobile communication technologies developed in the third generation partnership project (3GPP) will allow to access the Internet not only from a PC but also via mobile phones, palmtops and other devices. New applications will emerge, combining several basic services like voice telephony, e-mail, voice over IP, mobility or web-browsing, and thus wiping out the borders between the fixed telephone network, mobile radio and the Internet. Offering those value-added s ...

Keywords: SIR-PARLAY mapping, caller preferences, carrier grade services, network-independent services, service platform

11 Randomized protocols for low-congestion circuit routing in multistage interconnection networks

Richard Cole, Bruce M. Maggs, Friedhelm Meyer auf der Heide, Michael Mitzenmacher, Andr a W. Richa, Klaus Schr der, Ramesh K. Sitaraman, Berthold V cking

May 1998 **Proceedings of the thirtieth annual ACM symposium on Theory of computing**

Full text available:  [pdf\(1.73 MB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

12 Protocols: An XPath-based preference language for P3P

Rakesh Agrawal, Jerry Kiernan, Ramakrishnan Srikant, Yirong Xu

May 2003 **Proceedings of the twelfth international conference on World Wide Web**

Full text available:  [pdf\(107.76 KB\)](#)

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The Platform for Privacy Preferences (P3P) is the most significant effort currently underway to enable web users to gain control over their private information. The designers of P3P simultaneously designed a preference language called APPEL to allow users to express their privacy preferences, thus enabling automatic matching of privacy preferences against P3P policies. Unfortunately subtle interactions between P3P and APPEL result in serious problems when using APPEL: Users can only directly spe ...


Keywords: APPEL, P3P, XPath, XPref, hippocratic databases, preference, privacy-aware data management

13 The platform for privacy preferences

Joseph Reagle, Lorrie Faith Cranor

February 1999 **Communications of the ACM**, Volume 42 Issue 2

Full text available:  [pdf\(212.61 KB\)](#)



 [html\(41.98 KB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

14 Using multiple knowledge sources for word sense discrimination

Susan W. McRoy

March 1992 **Computational Linguistics**, Volume 18 Issue 1

Full text available:  [pdf\(2.02 MB\)](#) 

[Publisher Site](#)


Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

This paper addresses the problem of how to identify the intended meaning of individual words in unrestricted texts, without necessarily having access to complete representations of sentences. To discriminate senses, an understander can consider a diversity of information, including syntactic tags, word frequencies, collocations, semantic context, role-related expectations, and syntactic restrictions. However, current approaches make use of only small subsets of this information. Here we will des ...

15 Electronic document addressing: dealing with change

Helen Ashman

September 2000 **ACM Computing Surveys (CSUR)**, Volume 32 Issue 3

Full text available:  [pdf\(92.20 KB\)](#)


Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

The management of electronic document collections is fundamentally different from the management of paper documents. The ephemeral nature of some electronic documents means that the document address (i.e., reference details of the document) can become incorrect some time after coming into use, resulting in references, such as index entries and hypertext links, failing to correctly address the document they describe. A classic case of invalidated references is on the World Wide Web—lin ...

Keywords: 404, link, link integrity

16 Application-layer mobility using SIP

Henning Schulzrinne, Elin Wedlund

July 2000 **ACM SIGMOBILE Mobile Computing and Communications Review**, Volume 4 Issue 3Full text available:  pdf(1.34 MB)Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

Supporting mobile Internet multimedia applications requires more than just the ability to maintain connectivity across subnet changes. We describe how the Session Initiation Protocol (SIP) can help provide terminal, personal, session and service mobility to applications ranging from Internet telephony to presence and instant messaging. We also briefly discuss application-layer mobility for streaming multimedia applications initiated by RTSP.

17 CDuce: an XML-centric general-purpose language

Véronique Benzaken, Giuseppe Castagna, Alain Frisch

August 2003 **ACM SIGPLAN Notices , Proceedings of the eighth ACM SIGPLAN international conference on Functional programming**, Volume 38 Issue 9Full text available:  pdf(242.16 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We present the functional language CDuce, discuss some design issues, and show its adequacy for working with XML documents. Distinctive features of CDuce are a powerful pattern matching, first class functions, overloaded functions, a very rich type system (arrows, sequences, pairs, records, intersections, unions, differences), precise type inference for patterns and error localization, and a natural interpretation of types as sets of values. We also outline some important implementation issue ...

Keywords: CDuce, XML, XML-processing, type systems

18 Enabling full service surrogates using the portable channel representation

Micah Beck, Terry Moore, Leif Abrahamsson, Christophe Achouiantz, Patrick Johansson

April 2001 **Proceedings of the tenth international conference on World Wide Web**Full text available:  pdf(282.92 KB)Additional Information: [full citation](#), [references](#), [index terms](#)

Keywords: content distribution, dynamic content, mirroring, portability, replication, surrogate, web server

19 Investigating link service infrastructures

David C. De Roure, Nigel G. Walker, Leslie A. Carr


May 2000 **Proceedings of the eleventh ACM on Hypertext and hypermedia**Full text available:  pdf(133.87 KB)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: LDAP, Whois++, directory services, distributed link service, link service, open hypermedia, query routing

20 Model checking without a model: an analysis of the heart-beat monitor of a telephone switch using VeriSoft

Patrice Godefroid, Robert S. Hanmer, Lalita Jategaonkar Jagadeesan

March 1998 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 1998 ACM SIGSOFT international symposium on Software testing and analysis**, Volume 23 Issue 2

Full text available:  pdf (1.15 MB)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

VeriSoft is a tool for systematically exploring the state spaces of systems composed of several concurrent processes executing arbitrary code written in full-fledged programming languages such as C or C++. The state space of a concurrent system is a directed graph that represents the combined behavior of all concurrent components in the system. By exploring its state space, VeriSoft can automatically detect coordination problems between the processes of a concurrent system. We report in this paper ...

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